

## BactiCard Strep

\*\*\*See package insert for more information\*\*\*

### Specimen Collection:

This test is for use with 18-72 hour primary or secondary cultures on Blood Agar. Organisms tested should be catalase negative, gram-positive cocci.

### Procedure:

1. Label the BactiCard Strep with appropriate specimen identification.
2. Inoculate only one isolate per test card.
3. Rehydrate each test circle with one drop of BactiCard Strep Rehydrating Fluid. Do not oversaturate the test area.
4. Inoculate the test circles with several colonies from a pure, 18-72 hour culture of the test organism, from nonselective medium, using a wooden applicator stick.
5. Incubate at room temperature for 10 minutes.
6. Observe the **ESC** test circle for a color change to dark brown or brown-black.
7. Add one drop of the BactiCard Strep Color Developer to the **LAP** and **PYR** test circles.
8. Allow up to one minute for pink to red color development for a positive test.

### Interpretation of the Test:

**LAP:** Positive Test – Pink to red color.      Negative Test – No color change.

**PYR:** Positive Test – Pink to red color.      Negative Test – No color change.

**ESC:** Positive Test – Dark brown to brown-black color.      Negative Test – No color change.

### Expected Values:

ORGANISM	LAP	PYR	ESC	VANCOMYCIN
Aerococcus	-	+	V	S
Enterococcus	+	+	+	S
Gamella	+	+	-	S
Globicatella	-	+	+	S
Lactobacillus	V	-	V	R
Lactococcus	+	-	V	S
Leuconostoc	-	-	V	R
Pediococcus	+	-	+	R
Streptococcus (Gp A)	+	+	V	S
Streptococcus (Gp B)	+	-	-	S
Streptococcus (Gp D)	+	-	+	S
Streptococcus (Viridans Gp)	+	-	V	S
Streptococcus pneumoniae	+	-	V	S